

ABSTRACT

[0091] A restraint device for controlling the head of a driver during a high-performance vehicle collision. The device includes a rigid member positioned along the back of the driver, a tether for attaching the member to the driver's helmet, and a strap for anchoring the device. The vehicle's seat belt assembly or the driver's own body, such as his torso, waist or legs, may be used to anchor the device. During a vehicle collision, forces from the head are transferred through the device (i.e. tether, rigid member, and strap) into the anchor in order to resist forward movement and downward rotation of the driver's head.